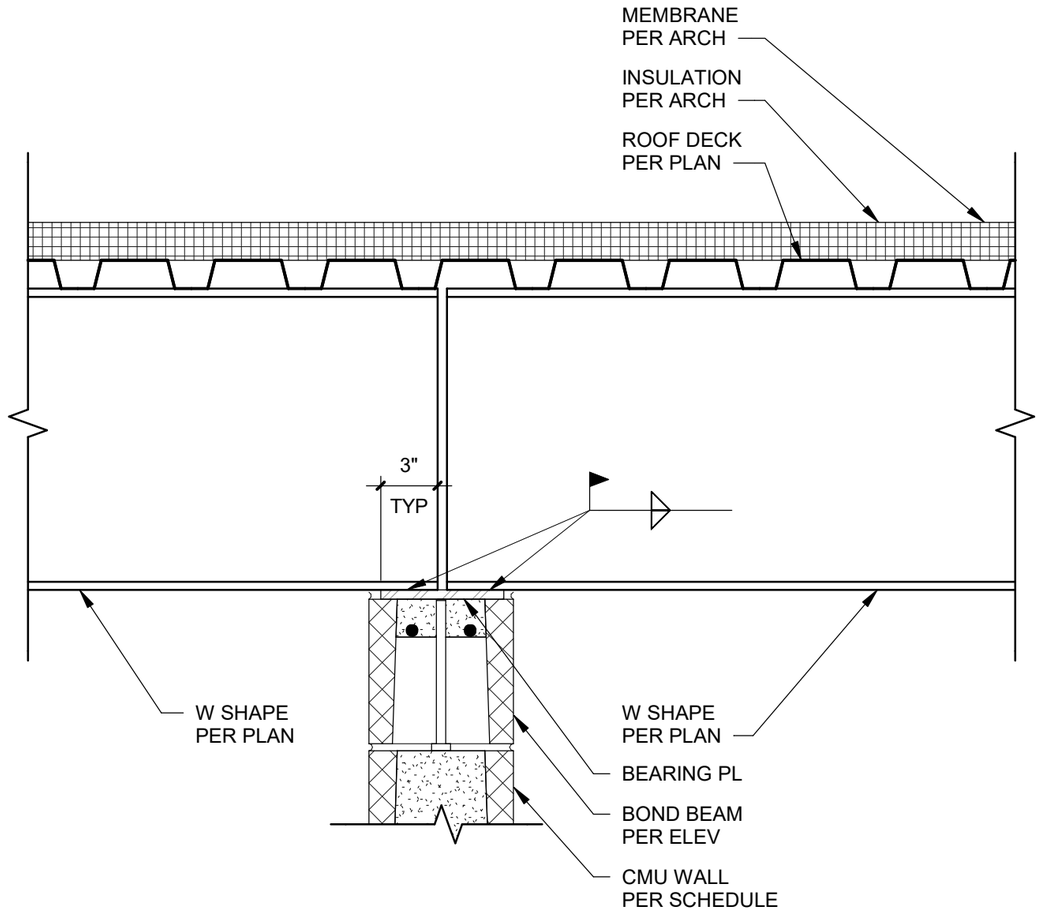
DESIGNER NOTES:

CODE REQUIREMENTS

1. SEE BEARING PLATE DETAIL FOR CAPACITY OF PLATE SHOWN.
2. CHECK CONCENTRATED LOAD PROVISIONS FROM AISC 360 TO ENSURE THAT WEB STIFFENERS ARE NOT REQUIRED BASED ON BEAM REACTION.
3. THIS DETAIL CREATES A POSITIVE CONNECTION FROM THE DIAPHRAGM TO THE MASONRY WALL AND, AS SUCH, THE MASONRY WALL WILL BE A PARTICIPATING WALL FOR THE LATERAL-FORCE-RESISTING SYSTEM.

DESIGN REQUIREMENTS

1. BOND BEAM IS SHOWN GRAPHICALLY AND SHOULD BE LOCATED BELOW THE BEARING ELEVATION SUCH THAT THE HEADED STUDS ENGAGE THE BOND BEAM COURSE.
2. CONSIDERATION SHOULD BE GIVEN FOR DIFFERENTIAL MOVEMENT DUE TO THE DIFFERENT THERMAL COEFFICIENTS FOR STEEL AND MASONRY SINCE THE W SHAPE IS WELDED TO THE BEARING PLATE, ESPECIALLY AT AREAS WITH HIGH STIFFNESS (CORNERS, WALL INTERSECTIONS, ETC.)



6 TYPICAL BEAM BEARING

SCALE: 1 1/2" = 1'-0"

THE BEAUTY OF BLOCK DESIGN COLLECTIVE

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